

Parts List:

5	100	operating console
	102	control panel
	104	display
	106	image processor module
	108	central processing unit (CPU)
10	112	tape drive
	114	disk storage
	116	link
	120	computer system
	122	system control
15	124	memory module
	126	high speed serial link
	128	serial link
	130	gradient amplifiers
	132	physiological acquisition controller
20	134	patient positioning system
	136	scan room interface circuit
	138	pulse generator module
	140	polarizing magnet
	142	magnet assembly
25	144	gradient coil assembly
	146	CPU module
	150	transceiver module
	152	RF coil
	154	transmit/receive switch
30	156	RF amplifier
	158	preamplifier
	160	memory module
	164	array processor
	200	physiological pipeline
35	202	physiological data
	204	physiological data acquisition
	206	calculate trigger
	208	visual display of physiological event
	210	MR data pipeline
40	212	MR image data
	214	MR data acquisition
	216	MR data reconstruction
	218	data storage
	220	trigger control
45	222	MR data display
	230	physiological pipeline
	232	physiological data
	234	physiological data acquisition
	236	calculate trigger

	238	visual display of physiological event
	240	time synchronization
	242	data conduit
	244	MR image display
5	246	physiological waveform display
	250	MR data pipeline
	252	MR image data
	254	MR data acquisition
	256	MR data reconstruction
10	258	data store
	262	combined visual display
	270	physiological signal waveform
	272	gated mode synchronization
	274	gate/no gate burst mode synchronization
15	276	segmented burst mode synchronization
	300	physiological acquisition controller (PAC)
	302	physiological waveform
	304	signal processing unit (SPU)
	306	physiological waveform
20	308	trigger number
	310	triggers
	312	sequencer (SEQ)
	314	trigger number
	316	start sequence interrupt (SSI)
25	318	application gateway processor (AGP)
	320	scan control processor (SCP)
	322	wave form segments
	324	image timestamp
	328	acquisition processing system (APS)
30	330	trigger and timestamp data
	332	host

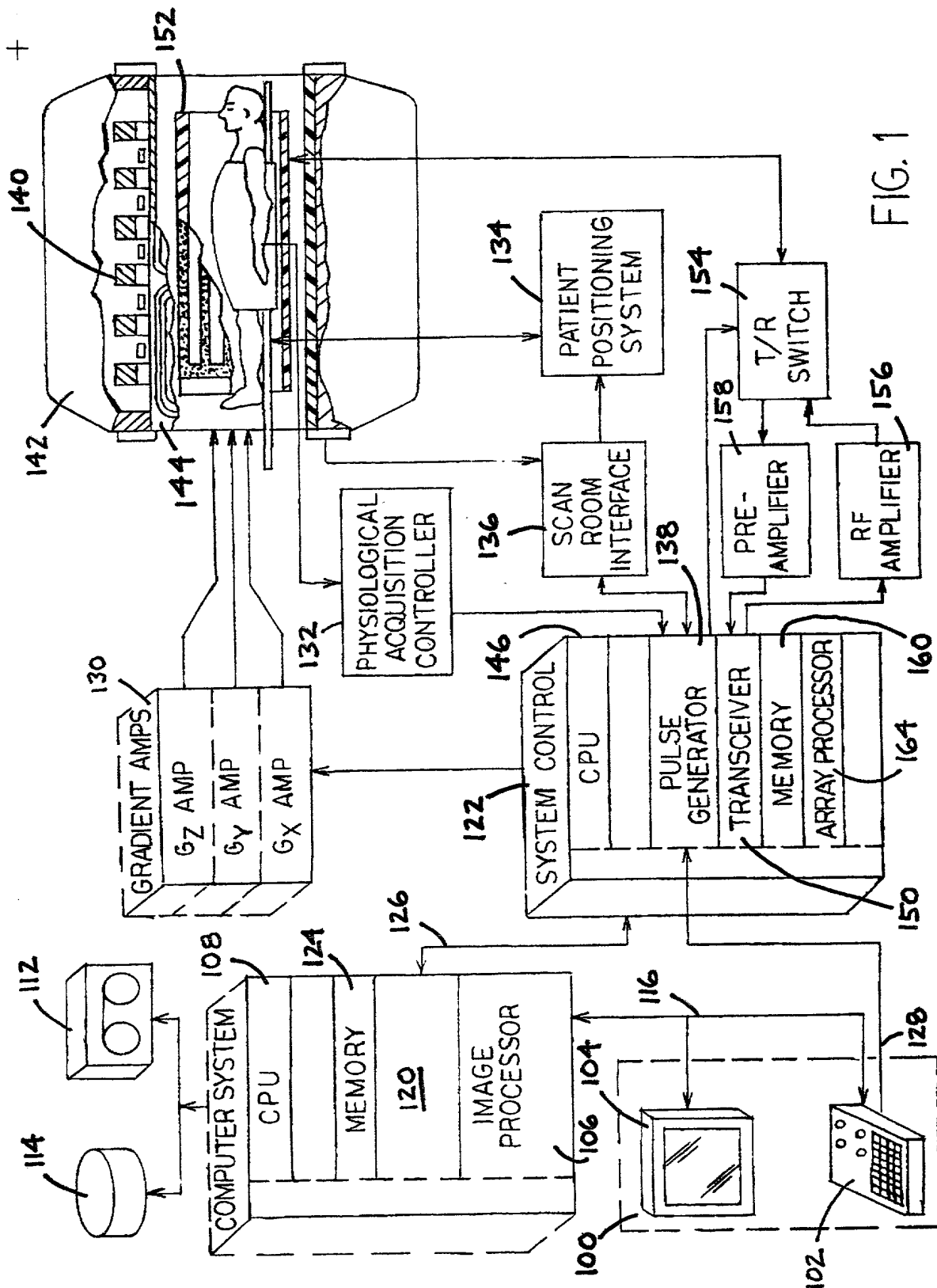


FIG. 1

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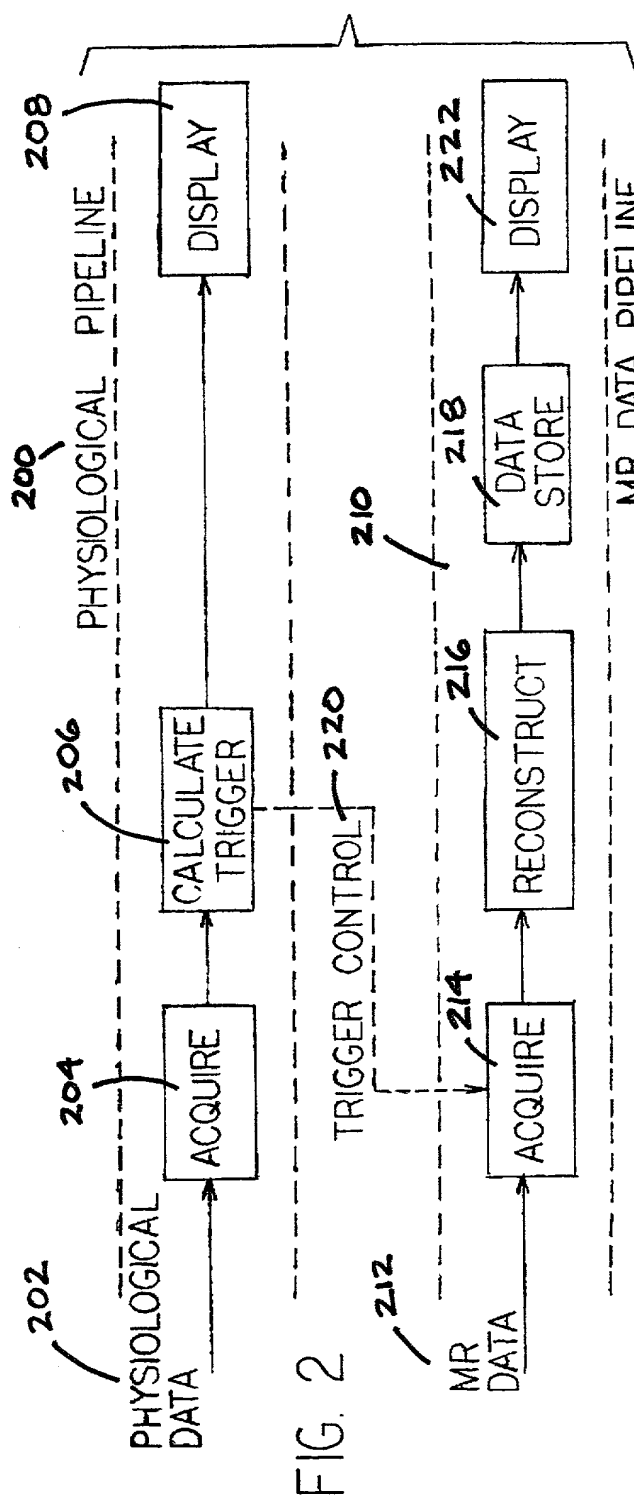


FIG. 2

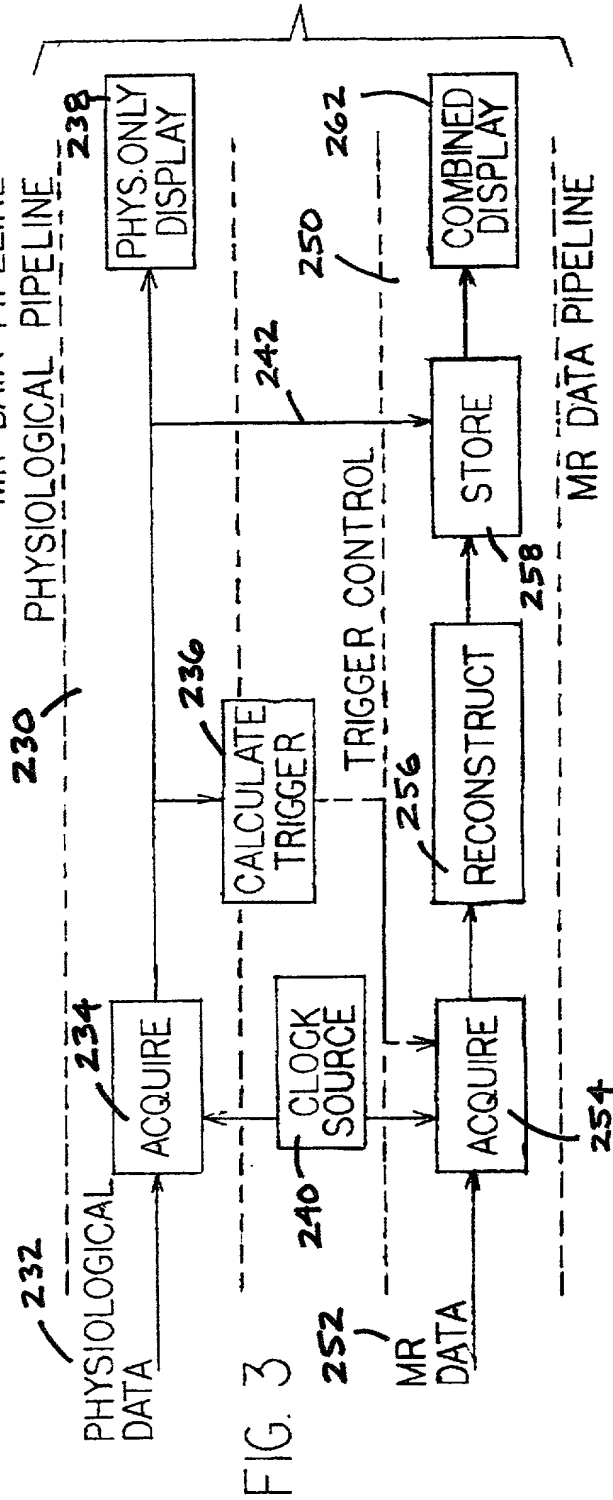


FIG. 3

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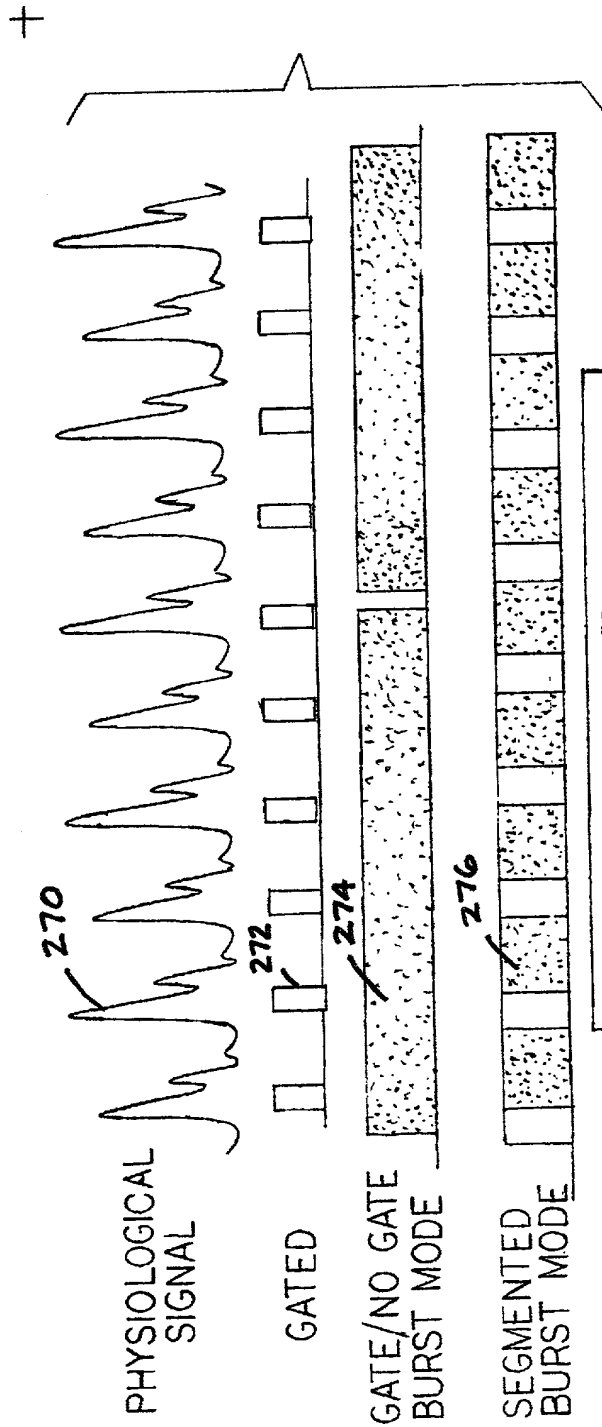


FIG. 4

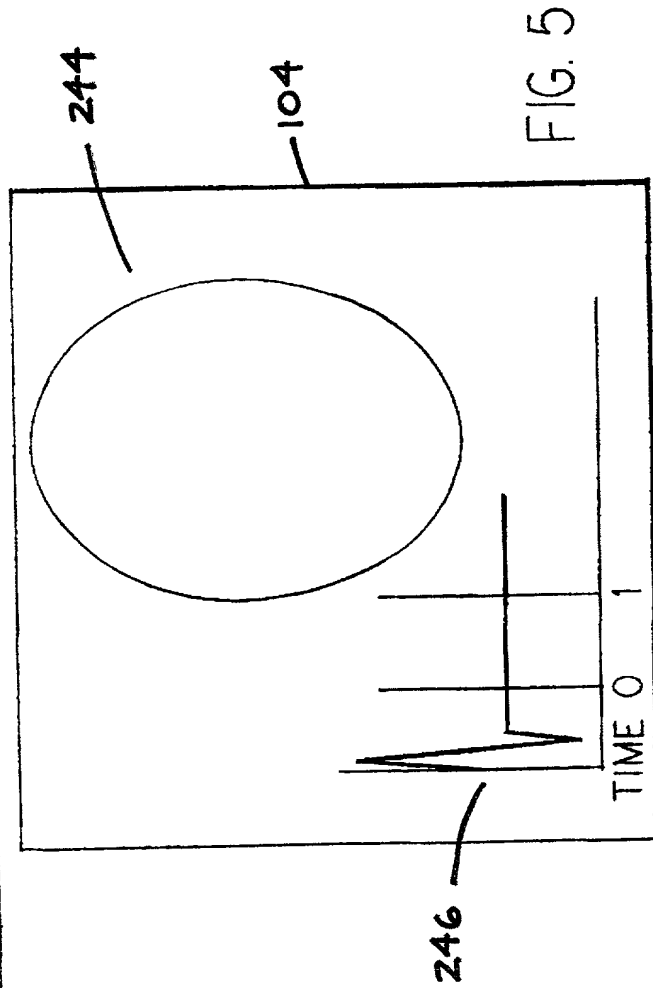


FIG. 5

